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160

SEMIN, A.P., inzh.; GONCHARENKO, A.T., inzh.

Bent bar for undercutting the upper pile of coal and the false
roof in stopes. Bezop. truda v prom. 8 no.11:52 N '64.
(MIRA 18:2)

GONCHARENKO, A. V.

25776. GONCHARENKO, A. V. Reorganizatsiya sistemy remontnykh rabot na saknarnykh zavodakh. Sukhar. Prom-st; 1949, No. 7, s. 4-5.

SO: Letopis' Zhurnal'nykh Statey, Vol. 34, Moskva, 1949

1. GONCHARENKO, A. V.
2. USSR (600)
4. Corrosion and Anticorrosives
7. Maintenance of unassembled equipment.
Sakh. prom. 26 no. 10, 1952

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

1. GONCHARENKO, A. V.
2. USSR (600)
4. Cylinders
7. Installing sleeves in cylinders of high-capacity steam machinery, Sakh. prom., 26, No. 12, 1952.

9. Monthly List of Russian Accessions, Library of Congress, February, 1953. Unclassified.

GONCHARENKO, A.V.

Machine tool for milling of keyways. Sakh.prom.30 no.5:52-53 My
'56. (MIRA 9:9)

1.Pervomayskiy sakharnyy zavod.
(Milling machines)

GONCHARENKO, A. V.

Bolts and pins. Sakh.prom. 31 no.8:46 Ag '57.

(MLRA 10:8)

1. Pervomayskiy sakharnyy zavod.

(Bolts and nuts)

Goncharenko, A.V.

GONCHARENKO, A.V.

Equipment facilitating repair work. Sakh. prom. 31 no.11:64 N 157.
(MIRA 11:1)

1. Pervomayskiy sakharney zavod.
(Sugar industry--Equipment and supplies)
(Cranes, derricks, etc.)

GONCHARENKO, A.V.

Longitudinal welding of parts. Sakb. prom. 35 no.12:39 D '61.
(MIRA 15:1)

1. Pervomayskiy sakharnyy zavod.
(Electric welding)

16(2)

SOV/2-59-4-9/14

AUTHOR: Goncharenko, B.

TITLE: Methods of Measuring Production in the Experimental Machinery Industry.

PERIODICAL: Vestnik statistiki, 1959, Nr 4, pp 78-79 (USSR)

ABSTRACT: The author states that new experimental types of machinery are normally produced at factories on order from the scientific-research institutions. He describes the procedure of such production, beginning with the initial projects of new types down to their mass production. There is no general plan of bringing about such a production which, in part, is explained by the fact that some improvements are financed by the scientific-research institutions and some by the industries themselves. The author recommends a method of measuring such production and suggests that the costs of new types of machinery, which successfully pass state trials, should be borne by the industries concerned from their initial conception down to their mass production.

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APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000516010001-7

GONCHARENKO, B.; MAYEVSKIY, I.

Improving the system of state plan indices. Vop. ekon. no.3:
22-36 Mr '62. (MIRA 15:3)

(Russia--Economic policy)
(Index numbers (Economics))

AVROV, V.F.; GONCHARENKO, B.D.; KHUPAYEV, V.M., SVITICH, A.A.

Using seismic prospecting for the study of recent tectonics
in the Ural and Voiga interfluv. Izv. AN Kazakh. SSR Ser.
geol. 22 no. 6:53-58 U-3 196 (MIRA 19-1)

1. Institut geologii i razrabotki goryuchikh iskopayemykh,
Moskva, i Vsesoyuznaya geologopoleiskovaya kontora, Moskva.

SOV/113-59-2-2/20

AUTHOR: Antontseva, L.N., Bazanova, V.S., and Goncharenko, B.I.,
Candidate of Economic Sciences.

TITLE: Supplementary Indices for Assessing Production Volume in
Mass and Large-Scale Production (Dopolnitel'nyye pokazateli
izmereniya ob'yema produktsii v massevom i krupnoseriynom
proizvodstve)

PERIODICAL: Avtomobil'naya promyshlennost', 1959, Nr 2, pp 1-3 (USSR)

ABSTRACT: The paper examines the new project, which has been develop-
ed by the Economic Research of the USSR Gosplan, entitled
"Basic Thesis in Preparing the State Plan for the Develop-
ment of the National Economy" (Osnovnyye polozheniya k
sostavleniyu gosudarstvennogo plana razvitiya narodnogo
khozyaystva). This project gives the Sovnarkhozes the
right to introduce supplementary indices for evaluating
the production volume in the plants under their control.
These indices are the values of gross and commodity out-
puts from which was deducted the value of all purchased
prefabricated articles, assemblies and details, semi-
products and essential materials. The authors propose the

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SOV/113-59-2-2/20

Supplementary Indices for Assessing Production Volume in Mass and Large-Scale Production

introduction of a uniform machining index in all motor-vehicle and spare parts plants under the general supervision of the USSR Gosplan, and discuss its advantage over other indices in assessing the production volume. In conclusion they state that the introduction of this index will secure accurate evaluation of the production volume and will make it possible to obtain comparable indices of the production conditions in different plants. There are six tables.

ASSOCIATION: Nauchno-issledovatel'skiy ekonomicheskii institut Gosplana
SSSR (The Economical Research Institute of the USSR Gosplan)

Card 2/2

GONCHARENKO, B.L., red.; PETRUSHIN, M.I., kand. ekonom. nauk, red.;
SAMBORSKIY, G.I., kand. ekon. nauk, red.; TOLKACHEV, A.S.,
kand. ekon. nauk, red.; TOMLENOVA, A.K., red.; PONOMAREVA,
A.A., tekhn. red.

[Continuity in planning and state plan indices] Nepreryv-
nost' v planirovanii i pokazateli gosudarstvennogo plana.
Pod red. B.L. Goncharenko i dr. Moskva, Izd-vo ekon. lit-ry,
1962. 439 p. (MIRA 15:8)

1. Moscow. Nauchno-issledovatel'skiy ekonomicheskii institut.
2. Nauchno-issledovatel'skiy ekonomicheskii institut Gosudar-
stvennogo nauchno-ekonomicheskogo soveta Soveta Ministrov
SSSR (for Petrushin, Samborskiy, Tolkachev).
(Russia--Economic policy) (Index numbers (Economics))

SANKIN, D.I., kand. ekon. nauk; SEMINOV, S.I., kand. ekon. nauk;
BEREZNOY, N.I., kand. ekon. nauk; ZHDANOV, A.I., kand.
ekon. nauk; GORCHAKOV, A.A., inzh.; ZAKHAROV, V.V., inzh.;
YUNOVICH, I.M., inzh.; RYVKIN, A.S., inzh.; KOVRIGIN, V.V.,
ekonomist; DIDENKO, S.I., kand. ekon. nauk; SANDOMIRSKIY,
A.T., ekonomist; GONCHARENKO, E.L., kand. ekon. nauk; KOTOV,
V.F., inzh.; EYDEL'MAN, B.I., red.

[Handbook for the economist and planner in an industrial
enterprise] Spravochnik ekonomista i planovika promyshlen-
nogo predpriyatiia. Moskva, Ekonomika, 1964. 698 p.
(MIRA 17:6)

GONCHARENKO, D. I., Cand Tech Sci - (diss) "Fundamental parameters (length of drift, length of column) in a system of underground exploitation of lignite deposits of the Dneprovskiy Basin." Moscow, 1960. 21 pp with graphs; (Ministry of Higher and Secondary Specialist Education RSFSR, Moscow Mining Institute im I. V. Stalin); 150 copies; free; (KL, 19-60, 133)

GORODETSKIY, Pavel Ivanovich [deceased]; PANENKOV, Yuriy Ivanovich;
GONCHARENKO, D.I., otv.red.; YEROKHIN, G.M., red.izd-va;
BERESLAVSKAYA, L.Sh., tekhn.red.

[Use of concrete supports and cemented fills in ore mining]
Voprosy primeneniia betonnykh opor i tsementirovannoi zakladki
pri razrabotke rudnykh mestorozhdenii. Moskva, Gos.nauchno-
tekhn.izd-vo lit-ry po gornomu delu, 1960. 95 p.

(MIRA 14:1)

(Mine timbering)

(Mine filling)

GONCHARENKO, D.I., kand.tekhn.nauk

Scraper-plow coal drawing from Donets Basin flat seams. Biul.tekh.-
ekon.inform. no.10:13-15 '61. (MIRA 14:10)
(Coal mining machinery)

ALEYNIKOV, A.A., kand.tekhn.nauk; BOKIY, V.B., kand.tekhn.nauk;
GONCHARENKO, D.I., kand.tekhn.nauk; DROZDOV, V.L., inzh.

Scraper-plow unit. Mekh.i avtom.proizv. 16 no.10:25-26
0 '62. (MIRA 15:11)

(Coal-mining machinery)

GONCHARENKO, D.I., kand.tekhn.nauk

Experimental use of plow-scrapers for mechanizing the mining of
thin flat and inclined coal seams in the Donets Basin. Ugol' 38
no.3:44-46 Mr '63. (MIRA 18:3)

BELIKOV, V.G., inzh.; GONCHARENKO, D.I., ing. tehn. nauch.

Mining an extremely thin flat seam with a scraper-plow unit.
Ugol' 39 no.5:54-56 My '64. (MIRA 17:6)

1. Kombinat Donetskugol' (for Belikov). 2. Donetskij nauchno-
issledovatel'skiy ugol'nyy institut (for Goncharenko).

GONCHARENKO, D.T., kand.tekhn.nauk; BRODSKIY, V.Sh., inzh.; DROZDOV, V.L.,
inzh.; NOVIKOV, Yu.A., inzh.

Scraper plows for coal mining. Mekh. i avtom.proizv. 19 no.3:14
Mr '65. (MIRA 18:4)

GONCHARENKO, D.I., kand. tekhn. nauk; DROZDOV, V.L., inzh.; NOVIKOV, Yu.A.,
inzh.; BRODSKIY, V.Sh., inzh.; KOZLOV, M.D.; GLUSHAKOV, V.A.

Using plow scrapers in mining coal seams dangerous because of
sudden ejections of coal and gas in the Vostochnaya Mine.
Ugol' 40 no.1:37 Ja '65. (MIRA 18:4)

1. Donetskii nauchno-issledovatel'skiy ugol'nyy institut
(for Goncharenko, Drozdov, Novikov, Brodskiy). 2. Glavnyy
inzh. tresta Proletarskugol' (for Kozlov). 3. Glavnyy inzh.
shakhty "Vostochnaya" tresta Proletarskugol' kombinata
Donetskugol' (for Glushakov).

GONCHARENKO, D.I., kand.tekhn.nauk; DROZDOV, V.L., inzh.; NOVIKOV, Yu.A., inzh.;
BRODSKIY, V.Sh., inzh.; PETRENKO, S.Ya.; BARANOV, Yu.I.

Scraper-plow extraction of very thin and outbreak-prone coal seams.

Ugol' 40 no.9:38-40 S '65.

(MIRA 18:10)

1. Donetskij nauchno-issledovatel'skiy ugol'nyy institut (for
Goncharenko, Droadov, Novikov, Brodskiy). 2. Upravlyayushchiy
trestom Proletarskugol' (for Petrenko). 3. Glavnyy inzh. shakhty
"Mushketovskaya-Vertikal'naya" tresta Proletarskugol' (for
Baranov).

L 04915-67 EWT(1) IJP(c) AT

ACC NR: AP6028707

SOURCE CODE: UR/0185/66/011/008/0825/0828

AUTHOR: Synel'nykov, K. D. -- Sinel'nikov, K. D.; Honcharenko, V. P. -- Goncharenko, V. P.; Honcharenko, D. K. -- Goncharenko, D. K. 57B

ORG: Physico-Technical Institute, AN USSR, Khar'kov (Fizyko-tekhnichnyy instytut AN USSR)

TITLE: Motion of a plasma jet across a nonuniform transverse magnetic field

SOURCE: Ukrains'kyi fizychnyy zhurnal, v. 11, no. 8, 1966, 825-828.

TOPIC TAGS: plasma jet, plasma flow, transverse magnetic field, magnetic field plasma effect

ABSTRACT: It is shown by using the equations of E. N. Parker (Phys. Rev., 107, 924, 1957.) that the motion of a plasma jet across a nonuniform magnetic field is decelerated if V_B is positive and is accelerated in decreasing fields. The equation for the square of the drift velocity, which is proportional to linear field changes, is given. This jet motion is one of the simplest effects in plasma physics. The theory holds that, depending on conditions, a plasma jet must move as a whole across the magnetic field with a magnetic field of nearly zero in the jet if temperature of two components of the jet is small compared to the jet's kinetic energy of

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motion, giving an electric field of $E = v_x B/c$ and a polarization-generated space charge of a certain thickness. Plasma jet behavior under real conditions is proved by numerous experiments to differ from theoretical in direction and speed. The present article shows that experimentally observed behavior of a plasma jet in a transverse gradient field is in absolute agreement with elementary plasma drift theory. The subject studied is a delimited plasma mass first moving at constant velocity in a uniform field and then encountering a gradient field with consequent drift. Basic assumptions of the calculations are that (1) plasma mass has magnetic moment and (2) speeds and field gradients fulfill the adiabatic law for ions and depend on the method of plasma generation. Orig. art. has: 9 formulas and 1 figure.

SUB CODE: 20/ SUBM DATE: 008Sep68/ ORIG REF: 000/ OTH REF: 000

Card 2/2

SAFRONOV, B.G.; GONCHARENKO, V.P.; GONCHARENKO, D.K.

[Propagation of a plasma clot in a magnetic field] K
voprosu o rasprostraneni plazmennogo sgustka v mag-
nitnom pole. Khar'kov, Fiziko-tekhn. in-t AN USSR,
1960. 201-98 p. (MIRA 17:1)
(Plasma (Ionized gases)) (Magnetic fields)

S/781/82/000/000/023/036

H

AUTHOR: Safranov, V. G., Gorcharenko, V. P., Goncharenko, D. K.

TITLE: On the propagation of a plasmoid in a magnetic field

PERIODICAL: Fizika plazmy i problemy upravlyayemogo termoyadernogo sinteza; doklady i konferentsii po fizike plazmy i probleme upravlyayemykh termoyadernykh reaktsiy. Fiz.-tech. inst. AN Ukr. SSR. Kiev, Izd-vo AN Ukr. SSR, 1962, 111-112.

TEXT: The purpose of this work is a qualitative clarification of the behavior of plasmoids in a plane coinciding with the direction of the initial velocity and the direction of the magnetic field.

In connection with an investigation of toroidal magnetic traps we have noted that a plasmoid injected tangentially in the field of a toroidal solenoid propagates not only in the direction of its initial velocity, making a 360° revolution along the toroid, but also in an opposite direction. The magnetic field was constant in time.

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8/781/62/000/000/023/036

On the propagation of a plasmoid in a . . .

This phenomenon could not be explained from the point of view of elementary theory of the leading center, since all the plasmoid particles had on entering the magnetic field a velocity in one (right-hand) direction, and had no velocity component in the opposite direction, and should therefore move along a certain helical trajectory in one direction only. The propagation of a part of the plasmoid along the magnetic force lines in the opposite direction indicates that when the plasmoid enters into the magnetic field, processes occur which lead to the appearance of particles with velocities of arbitrary direction.

Let a plasmoid having a certain translational motion v_0 , density n , and conductivity σ enter through a magnetic field gradient into a homogeneous field of the solenoid H_0 . This case is analogous to the motion of a piece of conducting metal through a transverse magnetic field. The plasmoid forces out the magnetic field from a certain volume of the solenoid and is under a magnetic pressure $H^2/8\pi$ on all sides, except the directions that are parallel to the magnetic force lines. Such anisotropy of the magnetic pressure should lead to a splashing of plasma along the force lines of the magnetic field.

There are no references.

Card 2/2

GONCHARENKO, A.S.; GONCHARENKO, E.A.

Diapir folds in the Peredovoy Range in eastern Ciscaucasia. Izv.
vys. ucheb. zav.; neft' i gaz 3 no.9:3-8 '60. (MIRA 14:4)

1. Groznenskiy neftyanoy institut.
(Peredovoy range—Folds (Geology))

GONCHARENKO, A.S.; GONCHARENKO, E.A.

Concerning certain phenomena related to the development of
diapiric structures in the Chechen-Ingush A.S.S.R. Izv. vys.
ucheb. zav.; nef't' i gaz 7 no.12:71-12 '64 (MIRA 18:2)

1. Groznenskiy nef'tyanoy institut.

US 5
Cultivated Plants. Fruits. Berries. Nuts. Tea.
ABS. JOUR: 2nd Jour - Biologiya, No. 5, 1959, No. 20449
AUTHOR : Khudzinakiy, M.A.; Conoharenko, E.G.
INST. : --
TITLE : What Are the Best Garden Cements.

ORIG. PUB.: Sadovodstvo vinogradarstvo i vinodeliye
Moldavii, 1958, No.2, 25

ABSTRACT : A new recipe is recommended for garden cement,
which has been successfully applied in Mol-
davia; it is prepared from 40% mullein, 50%
clay, 6% carbolineum and 0.1 - 0.15% wool
combing. --S.A. Izhevskiy

CARD: 1/1

GONCHARENKO, E.G.

Aerosols in the control of the currant borer *Agrilus chrysoderes* Ab.
Zashch. rast. ot vred. i bol. 6 no.7:16 JI '61. (MIRA 16:5)

1. Moldavskiy institut sadovodstva, vinogradarstva i vinodeliya,
Kishinev.

(Rybnitsa District--Currants--Diseases and pests)
(Rybnitsa District--Gooseberries--Diseases and pests)
(Rybnitsa District--Borers (Insects))--Extermination)

GONCHARENKO, E.G.

In the orchards of Moldavia. Zashch. rast. ot vred. i bol. 9
no.648-9 '64 (MIRA 1747)

/. Glavnyy agromom upravleniya sel'skokhozyaystvennoy nauki
Ministerstva proizvodstva i zagotovok sel'skokhozyaystvennykh
produktov Moldavskoy SSR.

VIL'NER, B. (Kiyev); SYUN'I G. (Kiyev); GONCHARENKO, F. (Kiyev);
RUDENKO, D. (Kiyev)

Constructing and repairing asphalt concrete pavements in
Kiev. Zhil.-kom.khos. 10 no.4:27-28 '60.
(MIRA 13:6)

(Kiev--Pavements, Concrete)

16

CA

Causes of fermentative darkening of dry wines. P. I. Goncharenko. *Vinodzie i Vinogradarstvo S.S.S.R.* 6, No. 7/8, 14-15 (1948).—Darkening of dry wines is caused by enzymic oxidation of tannins and coloring substances. Oxidase is apparently introduced into the must by *Botrytis cinerea* and thus finds its way into wine. SO₂ effectively for prevented darkening and even restored darkened wine. M. Hosh

ASR-ILA METALLURGICAL LITERATURE CLASSIFICATION

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GONCHARENKO, F. I.

Determination of Albumin in Soya by Colorimetric Method. (In Russian.) F. I. Goncharenko. *Selektivnyi i Semenovodstvo* (Selection and Seed Growing), v. 16, Feb. 1949, p. 71-74.

Proposes application of the method developed by N. N. Ivanov and E. V. Dodonov, based on the biuret reaction, for the above. Typical analytical data are tabulated for three examples, including comparison with results obtained by the Kjeldahl method.

SOLODKOVA, N.O., kand. sel'khoz. nauk; KHRAMOV, I.M.; BELOZOROVA, E.I.
[Bilozorova, IE.I.]; CHEREDNIKOVA, V.S.; GUBA, P.O. [Guba, P.O.];
BABICH, I.A. [Babych, I.A.], kand. sel'khoz. nauk; BOYKO, A.K.
[Boiko, A.K.], kand. veter. nauk; GONCHARENKO, F.I. [Honcharenko,
F.I.], kand. biol. nauk; KHRYASHCHEVSKIY, V.M. [Khriashchevs'kiy,
V.M.], red.; CHEREVATSKIY, S.A. [Cherevats'kiy, S.A.], tekhn.
red.

[Concise manual for the beekeeper] Korotkiy dovidnyk pasich-
nika. Kyiv, Derzh. vyd-vo sil's'khhospodars'koi lit-ry URSR,
1961. 164 p. (MIRA 15:1)

(Bee culture—Handbooks, manuals, etc.)

CONCHARENKO, G.

Published by the All-Union Volunteer Society for Assistance to the
Army, Air Force, and Navy. Radio no.2:16 F '61. (MIRA 14:9)

1. Glavnyy redaktor Izdatel'stva Dobrovol'nogo obshchestva so-
stviya armii, aviatsii i flotu.
(Bibliography--Radio)

GONCHARENKO, G.

Editions of the All-Union Volunteer Society for Assistance to
the Army, Air Force and Navy in 1963, Za rul. 21 no.1:32 Ja '63.
(MIRA 16:1)

1. Glavnyy redaktor izdatel'stva Dobrovol'nogo obshchestva
sodeystviya armii, aviatsii i flotu.
(Bibliography—Motor vehicles)

GONCHARENKO, G.

Radio amateur literature from the publishing house of the
All-Union Volunteer Society for Assistance to the Army, Air
Force, and Navy. Radio no.2:63 F '63. (MIRA 16:2)

1. Glavnyy red. Izdatel'stva Dobrovol'nogo obshchestva
sodeystviya armii, aviatsii i flotu.
(Bibliography--Radio)

GONCHARENKO, G.

Following up our articles. Za rul. 21 no.6:7 Je '63.

(MIRA 16:11)

1. Glavnyy redaktor izdatel'stva Dobrovol'nogo obshchestva sodeyst-
viya armii, aviatsei i flotu.

GONCHARENKO, Gennadiy

Wings of victory. Avi kosm. 45 no.5:2-6 My '63. (MIRA 16:5)
(Aeronautics, Military)

GONCHARENKO, G.A.

Secondary flowering of English oak (*Quercus robur* L.). Ukr.bot.
zhur.13 no.4:41-44 '56. (MIRA 10:1)

1. P'yata Kiivs'ka aerofitolisovporyadcha ekspeditsiya.
(Kiev Province—Oak) (Plants, Flowering of)

GONCHARENKO, G.A. [Honcharenko, H.A.]

Female specimens of the Ukrainian columnar poplar (*Populus
alba pyramidalis*). Vysnyk Bot.sada AN URSR no.4:76-83 '62.
(MIRA 16:1)

(Ukraine--Poplar)

GONCHARENKO, G.A. [Honcharenko, H.A.]

Biological characteristics of the shoots of the English oak (*Quercus robur* L.) Ukr. bot. zhur. 19 no.3:59-65 '62. (MIRA 15:7)

1. Ukrainskaya akademiya sel'skokhozyaystvennykh nauk.
(Oak)

Skorovarov, D.I.

TITLE: Extraction of uranium (VI) from carbonate solutions by quaternary phosphonium and arsonium bases

SOURCE: Radiokhimiya, v. 7, no. 3, 1965, 356-357

TOPIC TAGS: uranium extraction, phosphonium base, arsonium base, hydroxyquinoline

ABSTRACT: To determine the effect of the concentration of carbonate ions and nature of the extraction of uranium (VI), the authors tested phosphonium salts and arsonium salts $[R_4As]^+Cl^-$. The organic phase consisted of a 0.1 M 8-hydroxyquinoline in carbon tetrachloride. Aqueous solutions of 0.1 M uranium (VI) and 0.1-1.0 M sodium carbonate were employed. It was found that the arsonium and phosphonium compounds have practically the same extractive properties, but the addition of 8-hydroxyquinoline causes the distribution ratio to be much higher in the case of the arsonium compounds. It is concluded that the extraction of uranium (VI) from carbonate

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ACCESSION NR: AP5017002

media by the phosphonium and arsonium compounds is rather ineffective owing to a decrease in the partition coefficient caused by an appreciable solubility of the complex in the organic phase. However, the addition of 8-hydroxyquinoline raises the distribution ratio because of the formation of the complex $[M(L)]$ which has a low affinity for water. The phosphonium and arsonium bases were synthesized by G. M. Radway and co-workers. Orig. art. has: 3 figures and 4 formulas.

ASSOCIATION: None

SUBMITTED: 23Dec63

ENCL: 00

SUB CODE: IC

OTHER: 007

Card

2/2

POPOV, V.F.; GONCHARENKO, G.K.

Development and testing of ultrasonic atomizers of liquids and melts.
Izv.vys.ucheb.zav.; khim. i khim.tekh. 8 no.2:331-337 '65. (MIRA 18:8)

1. Khar'kovskiy politekhnicheskii institut imeni Lenina, kafedra
"Protssesy i apparaty khimicheskikh proizvodstv".

GONCHARENKO, G.-K.

22960 O sul'firovani fenantrena. Trudy khar'k. Khim.-Tekhnol. In-ta. im.
Kriova, Vyp. 7, 1949, G. 93-100.

SO: LETOPIS' NO. 31, 1949

GONCHARENKO, G.K., kand.tekhn.nauk; GOTLINSKAYA, A.P.

Mass transfer during extraction from solutions. Khim. nauka i prom.
3 no.4:515-517 '58. (MIRA 11:10)
(Extraction (Chemistry)) (Mass transfer)

KOCHERGIN, P.M., GONCHARENKO, G.K., KISELEVA, L.A.

The drug industry of the Chinese People's Republic. Med.prom. 12
no.9:54-57 S'58 (MIRA 11:9)
(CHINA--DRUG INDUSTRY)

GONCHARENKO, G.K.; IGNATCHENKO, A.G.

Improvement of the process of producing the extract of Althaea
radix. Med.prom. 13 no.7:49-50 J1'59. (MIRA 12:10)

1. Khar'kovskiy nauchno-issledovatel'skiy khimiko-farmatsevtiche-
skiy institut.

(MALLOW)

(EXTRACTION (CHEMISTRY))

GONCHARENKO, G.K.; ZHUKOV, V.A.

Heat transfer during a two-phase flow in a vertical tube. Izv.
vys.ucheb.zav.; khim. i khim. tekhn. 6. no.6:1037-1043 '63.
(MIRA 17:4)

1. Khar'kovskiy politekhnicheskii institut imeni Lenina, kafedra
obshchey khimicheskoy tekhnologii i protsessov i apparatov.

GONCHARENKO, G.K.; DEDNEVA, A.L.

Study of the process of extracting alkaloids from the herb
Thermopsis by the modelling method. Med. prom. 17 no. 6:
28-32 Je '63. (MIRA 17:4)

1. Khar'kovskiy politekhnicheskoy institut imeni V.I.Lenina
i I Moskovskiy ordena Lenina meditsinskiy institut imeni I.M.
Sechenova.

GONCHARENKO, G.K.; ZHUKOV, V.A.

Heat transfer from the wall to the flow of liquid on a bubble
plate. Izv.vys.ucheb.zav.; khim. i khim.tekh. 7 no.2:320-326
'64. (MIRA 18:4)

1. Khar'kovskiy politekhnicheskii institut im. V.I.Lenina,
kafedra obshchey khimicheskoy tekhnologii i protsessov i
apparator.

ACCESSION NR: AP4040545

8/0064/64/000/006/0442/0445

AUTHOR: Popov, V. F.; Goncharenko, G. K.

TITLE: Investigation of ultrasonic atomizers of liquids and melts

SOURCE: Khimicheskaya promyshlennost', no. 6, 1964, 442-445

TOPIC TAGS: ultrasonic atomizer, particle size, particle distribution, drop size measurement, distribution curve, distance of flight, calculation, mathematical determination, ultrasonic amplitude, ultrasonic frequency

ABSTRACT: This study is directed to the determination of particle size and particle distribution in the spray of ultrasonic atomizers. For the determination, the area of the jet spray was divided into concentric rings and a series of adjacent cuvettes was arranged across the diameter of the jet to collect the liquid so that 2 cuvettes represent each annular area. The density of the jet ρ in each ring can be determined from the volume of liquid collected. The drop size was determined directly by microscopic measurement of samples collected on slides coated with paraffin and then with a vaseline-transformer oil mixture in which the drops remained spherical, suspended and non-coalesced. The mean diameter of the

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ACCESSION NR: AP4040545

drops in each annular zone gave the fineness of atomization in that zone. The particle size was determined from these values by the formula:

$$\bar{d}_{v,s} = \frac{\sum \bar{d}_p^3 \frac{\psi_p f_p}{d_{kp}}}{\sum \bar{d}_p^2 \frac{\psi_p f_p}{d_{kp}}} \quad \bar{d}_{sp} = \left(\frac{\sum \bar{d}_p^3 n_{ip}}{\sum n_{ip}} \right)^{1/3} \quad l = (1; s)$$

where \bar{d}_{kp} is the mean cubic diameter of drops in the corresponding annular zone and f_p is the area of the ring. The mean volume-surface diameter of the drops was determined by the empirical formula:

$$\bar{d}_{v,s} = \frac{0.252}{A} \sqrt[3]{\frac{3Q\eta}{\pi D_n^2 f^2 g \cos \alpha}} \quad (2)$$

where Q is amount of liquid consumed, A is the amplitude of the vibration of the working surface of the nozzle, f is the frequency of the vibration, η = dynamic viscosity of the atomized liquid, σ = surface tension at liquid-gas interface,

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ACCESSION NR: AP4040545

D = external diameter of the working section of the atomizer nozzle, ρ_l = liquid density, g = accelerated force of gravity and α = angle between surface of nozzle and the vertical. From this relationship it is seen the required amount of atomization can be obtained by changing the acoustical parameters A and f . Volume distribution curves can be drawn from the equation:

$$\frac{dG}{dy} = \frac{\beta}{\sqrt{\pi}} \exp(-\beta^2 y^2)$$

where G = volume portion of drops with diameter less than d_1 , $y = \ln \frac{ad_1}{d_m - d_1}$ distribution function, a = distribution parameter, d_m = maximum dimension of drops in spray, β = coefficient characterizing uniformity of dispersion. The distance of flight of droplets of a determined diameter was approximated from the equation:

$$S = \frac{1}{\pi} \left(\sqrt{Re} - \sqrt{\delta} \arctg \frac{\sqrt{Re}}{\sqrt{\delta}} \right)$$

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ACCESSION NR: AP4040545

where ρ_r = density of the gaseous media, $Re = \frac{u d}{\nu}$, u = starting rate of flight of drops and ν = kinematic viscosity of the gaseous media. Calculated and experimentally determined values were in good agreement as shown in fig. 1. Orig. art. has: 4 figures and 5 equations.

ASSOCIATION: None

SUBMITTED: 00

SUB CODE: NP, GP

NO REF SOV: 005

ENCL: 00

OTHER: 001

Card 4/4

ATROSHCHENKO, V.I., doktor tekhn. nauk; GONCHARENKO, G.K. [Hencharenko,
H.K.]

Kinetics of the absorption of nitrogen dioxide by solid calcium
oxide. Khim. prom.[Ukr.] no.1:27-29 Ja-Mr '65. (MIRA 18:4)

2 1968-05

ACCESSION NR: AP5015575

n/m. A combination of the experimental data and dimensional analysis led to the following formulation of the above equation:

$$\frac{\bar{d}}{s} = C \left(\frac{s}{g \cdot f^2 A^2} \right)^{\frac{1}{3}} \quad (2)$$

where C is a coefficient. The latter equation was used to process about 80 experiments, most of which were carried out with water. Use of dimensional analysis made it possible to find a simple relationship between the variables involved. The results of the experiments and the physical properties of the liquid used are given in the appendix. The author is using the acoustical theory of wave formation. Orig. art. has. 4 figures and 6 formulas.

ASSOCIATION: Kafedra protsesay i apparaty khimicheskikh prozvodstv, Khar'kovskiy gos. tekhn. institut im. V.I. Lenina (Department of Industrial Chemical Processes, Kharkov Polytechn. Institute).

21 Jan 84

ENCLOSURE

NO. 1005, B.

NO. 005

OTHER NO.

GONCHARENKO, G.K.; PELISHENKO, I.I.

Kinetics of tannin extraction. Izv. vys. ucheb. zav.; khim.
i khim. tekhn. 8 no.3:511-515 '65. (MIRA 18:10)

1. Khar'kovskiy politekhnicheskii institut imeni Lenina,
kafedra obshchey khimicheskoy tekhnologii protsessov i
apparator.

GONCHARENKO, G. M.

"The Utilization of Water by Fertilized and Unfertilized Wheat in the Krasnodar Region." Cand Agr Sci, Kuban Agricultural Inst, Krasnodar, Krasnodar, 1953. (RZhBiol, No 2, Sep 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (10)

So: Sum. No. 481, 5 May 55

GONCHARENKO, G.M.

GONCHARENKO, G.M.; SEMENOV, A.I.

Quick repair of artesian wells. Der. 1 lesokhm.prom. 3 no.7:
28 J1 '54. (MLRA 7:7)

1. Darnitskiy fanernyy zavod.
(Artesian wells)

GONCHARENKO, G.M.

KHOMYAKOV, Mikhail Vasil'yevich; GONCHARENKO, G.M., redaktor; FRIDKIN, A.M.,
tekhnicheskiy redaktor

[Preventive testing of high-voltage equipment] Profilakticheskie
ispytaniia vysokovol'tnogo oborudovaniia. Moskva, Gos. energ. izd-
vo, 1957. 270 p. (MIRA 10:5)
(Electric insulators and insulation--Testing)

RAZNEVIG, D.V., kand. tekhn. nauk, dots.; GONCHARENKO, G.M., inzh.

Investigating the inverse discharge of a laboratory spark. Isv.
vys. ucheb. zav.; energ. no. 4:33-40 Ap '58. (MIRA 11:6)

1. Moskovskiy ordena Lenina energeticheskiy institut.
(Electric discharges)

SIROTINSKIY, Leonid Ivanovich. Prinimali uchastiye: RAZEVIQ, D.V., dotsent; VERESHCHAGIN, I.P., aspirant. PERTIK, S.M., retsen-sent; GONCHARENKO, G.M., red.; KORUZEY, N.N., tekhn.red.; LARIONOV, G.Ye., tekhn.red.

[Technology of high voltages] Tekhnika vysokikh napriazhenii. Moskva, Gos.energ.izd-vo. Pt.3, no.1. [Wave processes and internal overvoltages in electrical systems] Volnovye protsessy i vnutrennie perenapriazheniia v elektricheskikh sistemakh. 1959. 365 p.

(Electric engineering)

(MIRA 12:9)

1.1210

1.2300

32549
S/143/61/000/011/004/009
D223/D302

AUTHOR: Goncharenko, G. M.

TITLE: Protection of large capacitor banks

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Energetika,
no. 11, 1961, 29-35

TEXT: The banks of capacitors used for generating current pulses must have protection against explosion in case any single condenser is damaged. An energy $W_{ar} = 12 - 15$ kjoule will destroy the metallic case of a $3\mu F$ condenser designed for $U_{wk} = 50$ kV. Use of protective resistances leads to considerable energy losses (a graph is given as illustration). Normal losses in the protective installation may reach 30% or even 80% of the energy stored in the capacitors. Protection of each capacitor by a fuse reduces the losses, but the problem of reliability of the protection had not been solved. Standard types of wire fuses were found quite unsuitable; large banks completely destroyed these at the front of breakdown cur-

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S/143/61/000/011/004/009
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Protection of large ...

rent and discharged through metal vapors and ionized gases formed where the fuse was situated. The author gives an oscillogram of the process of failure of a copper wire 0.41 mm in diameter, 0.5 m in length to illustrate its causes. The action of the fuse should be based on preventing a repeated discharge during the current pause observed in the process. Two possible ways are mentioned and stated to be too complex and not very reliable. The author offers a method developed and tested in his laboratory; the protection is realized with the aid of open copper wires connected with the circuit of each condenser, and a common spark gap. Several oscillograms are given to explain the action of the device. The length of the wires depends on working voltage of the bank; for $U_0 = 50$ kV

the permissible voltage gradient was found to be 1,5 kV/cm. Methods of choosing the magnitude of the gap and the total cross-section of the wires are described. This protection was found to be adequate for the energy capacity of the bank $W_b > 200$ kJ; for $W_b < 100$ kJ the protection by resistances is more suitable under certain

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Protection of large ...

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D223/D302

conditions stated by the author. This article was recommended by the Kafedra tekhniki vysokikh napryazheniy (Department of the Techniques of High Tension). There are 6 figures and 1 Soviet-bloc reference.

ASSOCIATION: Moskovskiy ordena Lenina energeticheskiy institut
(Moscow Order of Lenin Institute of Power Engineering)

SUBMITTED: March 16, 1961

X

Card 3/3

SMIRNOV, Sergey Mikhaylovich; TERENT'YEV, Pavel Vasil'yevich;
GONCHARENKO, G.M., red.

[High-voltage pulse generators] Generatory impul'sov
vysokogo napriazhenia. Moskva, Energiia, 1964. 238 p.
(MIRA 17:12)

GONCHARENKO, Grigoriy Trofimovich; LEVITSKIY, V.S., kand. tekhn. nauk,
dots., retsenzent; IVANOV, N.N., dots., retsenzent; KVILINSKIY,
G.I., inzh., red.; MATEVSKIY, V.V., inzh., red.

[Reading and detailing of working drawings] Chtenie i detali-
rovka sborochnykh chertezhei. Moskva, Mashgiz, 1961. 67 p.
(MIRA 15:3)

(Mechanical drawing)

GONCHARENKO, I., inzhener.

Qualitative preparation for blast holes in mining. Mast. ugl. 2 no.10:13-14
0 '53. (MIRA 6:10)
(Blasting)

GONCHARENKO, I., inzhener.

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Bolt with an extended head. Mast. ugl. 3 no:10:20 0 '54.
(Bolts and nuts) (MIRA 7:12)

USSR/Cultivated Plants. Grains.

H

Abs Jour : Ref Zhur-Biol., No 15, 1958, 68107

Author : Goncharenko, I. A.

Inst :

Title : The Result of Growing Corn with Hybrid Seed.

Orig Pub : Byul. sil's'kogospod. inform., 1957, No 1,
31-33

Abstract : Communication of data on variety tests of
interstrain hybrid, Bukovinskaya-I in Cherni-
gov Oblast' is made here.

Card : 1/1

21

GONCHARENKO, I.A. [Honcharenko, I.A.]

Activities of the Ukrainian Association for the Protection
of Nature and the Promotion of the Development of Natural
Resources during 1946-1958. Mat.pro okhor.pryr.na Ukr.
no.1:137-139 '58. (MIRA 13:3)
(Ukraine--Natural resources--Societies, etc.)

GONCHARENKO, I.D.; DUB, Ya.T.; SHKURCHENKO, V.I.

Device for the automatic control of molten sulfur flow. Priborostroenie
no.4:30-31 Ap '63. (MIRA 16:4)

(Flowmeters)

GONCHARENKO, I.G.

Reducing the time length needed for shaft reinforcement.

Shakht.stroi. no.5:12-15 My '57.

(Shaft sinking)

(MIRA 10:7)

GONCHARENKO, I.G., gornyy inzhener.

New type of temporary supports for level and inclined workings.

Ugol' 32 no.4:23-24 Ap '57.

(MIRA 10:5)

(Mine timbering)

MARGUS, M. Ye., inzh.; GONCHARENKO, I.M., inzh.

Lowering the electric power consumption of concrete plants of
the Stalingrad Building Trust. Mekh. stroi. 17 no.10:15-17 0 '60.
(MIRA 13:10)

(Stalingrad—Concrete plants) (Electric power)

GONCHARENKO, I. M.

GONCHARENKO, I. M.: "Some biological aspects of Sonne's dysentery bacteria." Acad Med Sci USSR. Moscow, 1955.
(Dissertation for the Degree of Candidate in Medical Sciences).

SO: Knizhnaya letopis', No 23, 1956

GONCHARENKO, I.M.

Effect of ionizing irradiation on antitetanus antitoxic immunity.
Zhur.mikrobiol.epid. i immun. 28 no.7:95-99 J1 '57. (MIRA 10:10)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gensalei AMN
SSSR.

(ROENTGEN RAYS, effects,
on tetanus immunol. in animals (Rus))
(TETANUS, immunology,
eff. of x-rays in animals (Rus))

21(4), 17(0)

PHASE I BOOK EXPLORATION 507/2008

GONCHARENKO, I.M.

International Conference on the Peaceful Use of Atomic Energy. 24, Geneva, 1958

Результаты совещания ученых радиобиологов и радиационных медиков (Reports of Soviet Scientists, Radiobiology and Radiation Medicine). Moscow, Izdatel'stvo OIAP, 1959. 100 p. 6,000 copies printed. (Series: Poverkhnostnyye konferentsii po atomnoi i pol'novozrastnoi energii. Trudy, kn. 3)

General Ed.: A.V. Lebedinsky, Corresponding Member, USSR Academy of Medical Sciences; Ed.: S.B. Shadrin, Tech. Ed.: Ye.I. Maslov.

PURPOSE: This book is intended for physicians, scientists, and engineers as well as for professors and students at various levels of radiology and radiation medicine taught.

CONTENTS: This is Volume 3 of a 6-volume set of reports delivered by Soviet scientists at the Second International Conference on the Peaceful Use of Atomic Energy, held on September 1-13, 1958 in Geneva. Volume 3 contains 28 reports edited by Candidates of Medical Sciences S.V. Levitskiy and V.V. Pavlov. The reports cover problems of the biological effects of ionizing radiation, future consequences of radiation in small doses, genetic effects of radiation, treatment of radiation sickness, uses of radioactive isotopes in medical, biological research, uses of atomic energy for diagnostic and therapeutic purposes, self-absorption of uranium fission products, their intake by plants, and their storage in plants and foodstuffs. References accompany each report.

Reports of Soviet Scientists (Cont.)

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GONCHARENKO, I.M.

Possibility of the use of ionizing radiations for the sterilization of various biopreparations. Report No.1: Effect of ionizing radiations on antigangrene and antitetanus serum (serological and electrophoretic study). Zhur.mikrobiol.epid. i immun. 32 no.1:121-125 Ja '61. (MIRA 14:4)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.

(GANGRENE)

(TETANUS)

(GAMMA RAYS—PHYSIOLOGICAL EFFECT)

GONCHARENKO, I.M.

Use of ionizing radiation in sterilizing tetanus anatoxin. Zhur.
mikrobiol. epid. i immun. 32 no.5:97-100 My '61. (MIRA 14:6)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.
(TETANUS) (TOXINS AND ANTITOXINS)
(RADIATION STERILIZATION)

VADIMOV, V.M.; GONCHARENKO, I.M.

Characteristics of tetanus anatoxin preparations irradiated with γ -rays according to data from molecular spectrum analysis and luminescence analysis. Zhur.mikrobiol., epid. i immun. 32 no.11: 52-56 N '61. (MIRA 14:11)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.

(TETANUS)
(RADIATION STERILIZATION)

(SPECTRUM, MOLECULAR)
(LUMINESCENCE)

GONCHARENKO, I.N.

Corrosion control at the coking section. Koks.1 khim. no.10:37
'60. (MIRA 13:10)

1. Bagleyeviy koksokhimicheskiy zavod.
(Dneprodzhershinsk—Coke industry—Equipment and supplies)
(Corrosion and anticorrosives)

SMIRNOV, S.S.; EYSMONT, I.I.; GONCHARENKO, I.N.; SHIMANSKIY, N.I.;
DOBROV, V.P.

Substitution of vibrating screens for disk-grizzly screens in
coke-assorting shops. Koks i khim. no.10:31-34 '60.
(MIRA 13:10)

1. Bagleyskiy koksokhimicheskiy zavod (for all except Dobrov).
2. Dnepropetrovskiy metallurgicheskiy institut (for Dobrov)
(Coke industry--Equipment and supplies) (Coke)

GONCHARENKO, I.N.

History of the struggle of the Bolsheviks of the Maritime Territory
for the Soviet regime in 1922-1926. Soob.DVFAN SSSR no. 15:115-119
'62. (MIRA 17:9)

1. Dal'nevostochnyy filial imeni Komarova Sibirskogo otdeleniya
AN SSSR.

GONCHARENKO, I.P.

Effect of the fluid extract from the roots of ginseng on the
level of arterial pressure in healthy people. Mat. k izuch. zhen'.
i drug. lek. rast. Dal'. Vost. no.5:149-151 '63.

(MIRA 17:8)

GONCHARENKO, I.Ya.

Purification and weighting of drilling muds. Neftianik 2 no.7:5-7
J1 '57. (MLRA 10:8)

1. Starshiy inzhener Neftpromyslovogo upravleniya Abinneft'.
(Oil well drilling fluids)

MALINOVSKAYA, Ye.P.; GONCHARENKO, K.M.

Creating new advanced machinery for chemical industries.
Standartizatsiia 29 no.6:16-17 Je '65. (MIRA 18:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po normali-
zatsii v mashinostroyeni.

GONCHARENKO, K. N

Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 6,
p 7 (USSR) 14-57-6-11650

AUTHOR: Goncharenko, K. N.

TITLE: Pedagogical Techniques in Teaching Geography to the
Fifth Class (Prakticheskiye nauki v prepodavanii
geografii v V klasse)

PERIODICAL: V sb: Iz opyta raboty prepodavateley geografii Alma-
Ata, Kazakhsk. Uchpedgiz, 1955, pp 25-26

ABSTRACT: Practical hints on the subject of teaching a topo-
graphical map in connection with a lesson on "Weather
and Climate" to fifth classes are presented by the
author.

Card 1/1

1ST AND 2ND CHAPTERS										3RD AND 4TH CHAPTERS									
PROCESSES AND PROPERTIES INDEX																			
<p>Chromium coating of cylinders, piston rings, and the like. Va. N. Birman, K. S. Goncharenko, and G. I. Tupitsin. U.S.S.R. 69,583, Oct. 31, 1947. The Cr coating is carried out in an electrolyte containing CrO_3, 180-250, H_2SO_4, 2-3, CuO 0.5, and trivalent Cr not over 10 g. per l. The bath is kept at 62-74° and the c.d. is 30-80 amp. per sq. dm. Following this, the object is treated anodically to produce a porous Cr deposit. M. Hosen</p>																			
<p>ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION</p>																			
FROM DIVISION										FROM DIVISION									
SUBJECT										SUBJECT									
CLASSIFICATION										CLASSIFICATION									

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Porous chrome plating of machine elements.

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